Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) An inventory control device comprising:

a latch positioned in relation to an access device of a data storage system so that opening the access device causes the latch to move from a first position to a second position;

a sensor to sense a latch state indicating the position of the latch; ~~and~~

control logic communicatively coupled to the sensor, to cause the data storage system to inventory one or more storage locations associated with the access device if the sensor indicates the latch is in the second position <u>and the access device is closed,</u> and to cause the data storage system to not inventory the one or more storage locations if the sensor indicates the latch is in the first position <u>and the access device is closed; and</u>

<u>an actuator operatively associated with said latch and said control logic, said actuator being operable to move said latch from the second position to the first position, said control logic operating said actuator to move said latch from the second position to the first position</u>.

2. (Original) The device of claim 1, wherein the access device comprises a data storage drawer.

3. (Original) The device of claim 2, wherein the storage locations comprise data cartridge locations within the data storage drawer.

4.   (Canceled).

5.   (Currently Amended) The device of ~~claim 4~~ claim 1, wherein the actuator comprises a solenoid.

6.   (Original) The device of claim 1, wherein the sensor comprises an optical interrupter.

7.   (Currently Amended) A method comprising:
        obtaining a position of a latch, the latch being moveable between a first position and a second position, the first position of the latch indicating if an access device of a data storage system was not opened while the data storage system was shut down, the second position of the latch indicating if ~~an~~ the access device of ~~a~~ the data storage system was opened while the data storage system was shut down;
        causing the data storage system to perform an inventory on one or more storage locations associated with the access device if ~~the position of~~ the latch is in the second position ~~indicates the access device was opened; and~~
        causing the data storage system to not perform the inventory on the one or more storage locations if the ~~position of the~~ latch is in the second position; and ~~indicates the access device was not opened~~
        operating an actuator to cause the actuator to move the latch from the second position to the first position.

8.   (Canceled).

9.   (Original) The method of claim 7, wherein obtaining the position of the latch comprises obtaining a latch state indicating the position of the latch by means of a sensor.

10.   (Original) The method of claim 7, wherein the access

device comprises a data storage drawer.

11. (Currently Amended) An inventory control device comprising:

latch means positioned in relation to an access device means of a data storage system means so that opening the access device causes the latch means to move from a first position to a second position;

sensing means to sense a latch state indicating the position of the latch; ~~and~~

logic means communicatively coupled to sensing means, to cause the data storage system means to inventory one or more storage locations associated with the access device means if the latch state indicates the latch means is in the second position <u>and the access device is closed, and to cause the data storage system to not inventory the one or more storage locations if said sensing means indicates said latch means is in the first position and the access device is closed; and</u>

<u>actuator means operatively associated with said latch means and responsive to said logic means, said actuator means moving said latch means from the second position to the first position, said logic means controlling said actuator means to move said latch means from the second position to the first position</u>.

12. (Canceled).

13. (Canceled).

14. (Withdrawn) A data storage system comprising:
an access device;
a plurality of data cartridges disposed in the access device;
a mechanical device moveable between first and second

positions, the mechanical device positioned in relation to the access device so that opening the access device causes the mechanical device to change position; and

control logic coupled to the mechanical device, to sense movement of the mechanical device and to initiate inventory of the data cartridges if the position of the mechanical device indicates the access device was opened while the data storage system was shut down.

15. (Withdrawn) The data storage system of claim 14, wherein the mechanical device comprises a latch.

16. (Withdrawn) The data storage system of claim 14, further comprising a flag positioned in relation to the access device so that at least partially opening the access device causes the flag to contact the mechanical device and move the mechanical device from the first position to the second position.